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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Fumio TAKESHIMA et al.

Atty. Docket No.: 025416-00031

Serial No.: 10/582,708

Examiner: TBA

Filed: June 12, 2006

Art Unit: TBA

For: CAMSHAFT, METHOD OF MANUFACTURING CAM FOR CAMSHAFT, AND
METHOD OF MANUFACTURING SHAFT FOR CAMSHAFT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: June 8, 2007

Sir:

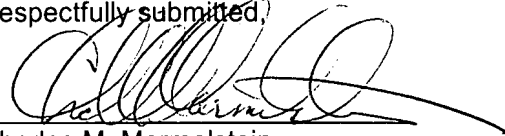
Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached Form PTO-SB08. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

- ☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☒ 4. The references on the attached Form PTO-SB/08a were cited during prosecution in a corresponding foreign application. Japanese Patent Publication No. 11-280419 corresponds to U.S. Patent Publication No. 6,367,439. The references listed on the Office Action are submitted herewith except Japanese Patent Publication No. 7-26910 which was submitted in an Information Disclosure Statement filed February 23, 2007. A copy of the Japanese office action is attached for the Examiner's information. English-language Abstracts of the non-English language references are attached hereto.

In the event that any fees are due with respect to this paper, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 01-2300, referencing Atty. Docket No. 025416-00031.

Respectfully submitted,



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Enclosure(s): PTO-SB/08a Form; Japanese Office Action; 8 References
CMM:tmp

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Form PTO/SB/08a

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	025416-00031
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[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 4-253559	09-09-1992	Mazda Motor Corp.		AB
		JP 2001-176864	06-29-2001	Toshiba Electronic Engineering Corp.		AB
		JP 2002-124506	04-26-2002	Toshiba Corp.		AB
		JP 2002-164332	06-07-2002	Kanto Chem Co. Inc.		AB
		JP 4-138815	05-13-1992	Nippon Steel Corp.		AB
		JP 5-177542	07-20-1993	Nippon Steel Corp.		AB
		JP 2000-345268	12-12-2000	Nippon Seisen Co. Ltd.; Chuo Spring Co. Ltd.		AB
		JP 5-293513	11-09-1993	NKK Corp.		AB

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

Mailing No. 199537

Reference No. PCE17816HE

Mailing Date: May 1, 2007

Patent Application No. 2003-414415

Rejection of the Application

Cited Reference(s)

- D1: Japanese Laid-Open Patent Publication No. 11-280419
- D2: Japanese Laid-Open Patent Publication No. 4-253559
- D3: Japanese Laid-Open Patent Publication No. 2001-176864
- D4: Japanese Laid-Open Patent Publication No. 2002-124506
- D5: Japanese Laid-Open Patent Publication No. 2002-164332
- D6: Japanese Patent Publication No. 6-98379
- D7: Japanese Laid-Open Patent Publication No. 5-177542
- D8: Japanese Laid-Open Patent Publication No. 2000-345268
- D9: Japanese Laid-Open Patent Publication No. 5-293513
- D10: Japanese Laid-Open Patent Publication No. 7-26910

Examiner's Statement

Claims 1 to 6 are rejected in view of references D1 to D9 for lack of novelty and inventive step.

Claims 1 to 6 are rejected in view of reference D10 for lack of inventive step.